

Water Lesson – Water Debaters

Curriculum Connections for Grade 7		
Grade	Subject & Unit	Specific Expectations
7	Science & Technology Understanding Life Systems: Interactions in the Environment	1.2 Analyse the costs and benefits of selected strategies for protecting the environment 3.8 Describe ways in which human activities and technologies alter balances and interactions in the environment
	Understanding Matter & Energy: Pure Substances & Mixtures	1.1 Assess positive and negative environmental impacts related to the disposal of pure substances and mixtures (e.g. paint, sewage)
	History & Geography Physical Patterns in a Changing World	A 1.4 assess ways in which different peoples living in similar physical environments have responded to challenges and opportunities presented by these environments, and assess the sustainability of these responses A 3.5 describe some key natural processes and human activities (e.g., changes in rainfall, melting of glaciers, erosion, rising sea levels, climate change, constructing dams, irrigation, bottling water from aquifers) that create and change water bodies and systems
	Natural Resources Around the World: Uses & Sustainability	B 3.1 identify Earth's renewable, non-renewable, and flow resources (e.g., renewable: trees, natural fish stocks, soil, plants; non-renewable: fossil fuels, metallic minerals; flow: solar, running water, ocean currents, tides, wind), and explain their relationship to Earth's physical features B 3.2 describe ways in which people use the natural environment, including specific elements within it, to meet their needs and wants (e.g., rock is quarried to make building materials, roads; trees are used for lumber for buildings, wood for furniture, pulp for paper, logs for fuel; fossil fuels are used for heating and cooling, to generate energy for industry, to power vehicles, to make plastics; water is used for drinking, irrigation, to produce electricity, to cool nuclear reactors; animals are used for food, clothing, recreation; the natural environment enables people to live off the land and provides opportunities for

		<p>relaxation, education, and/or recreation)</p> <p>B 3.3 identify significant short- and long-term effects of natural resource extraction/harvesting and use on people and the environment (e.g., deforestation, desertification, smog, acid rain, climate change, soil contamination, habitat destruction, flooding)</p>
--	--	--